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32nd International Symposium on Lattice Field Theory (Lattice 2014)

Tuesday 24 June 2014

Vacuum Structure and Confinement: Parallel 3F - 415 Schapiro (14:15-15:55)

- Conveners: Dr. Greensite, Jeff

time	title	presenter
14:15	Confinement, the Abelian Decomposition, and the Contribution of Topology to the Static Quark Potential	CUNDY, Nigel
14:35	Deconfinement, Chiral Symmetry Breaking and Chiral Polarization	HORVATH, Ivan
14:55	Instanton-dyons induce both the chiral symmetry breaking and confinement	SHURYAK, Edward
15:35	Partial restoration of chiral symmetry inside hadrons	IRITANI, Takumi

Vacuum Structure and Confinement: Parallel 4F - 415 Schapiro (16:30-18:10)

- Conveners: Prof. Shuryak, Edward

time	title	presenter
16:30	Exploring confinement in SU(N) gauge theories with double-trace Polyakov loop deformations	OGILVIE, Michael
16:50	Magnetic monopole and confinement/deconfinement phase transision in SU(3) Yang-Mills theory	SHIBATA, Akihiro
17:10	Zero modes of overlap fermions, instantons and monopoles	HASEGAWA, Masayasu
17:30	Spectral Flow and Index Theorem for Staggered Fermions	FOLLANA ADIN, Eduardo
17:50	Topological insulators and the QCD vacuum.	H. B., Thacker

Wednesday 25 June 2014

Vacuum Structure and Confinement: Parallel 5F - 415 Schapiro (09:00-10:40)

- Conveners: Prof. Thacker, Harry

time	title	presenter
09:00	On the rigid string contribution to the interquark potential	CASELLE, michele
09:20	Effective string description of the interquark potential in the 3D U(1) Lattice Gauge Theory	VADACCHINO, Davide
09:40	London penetration depth and coherence length of SU(3) vacuum flux tubes	CUTERI, Francesca
10:00	Anisotropy of the quark anti-quark potential in a magnetic field	NEGRO, Francesco
10:20	The static three-quark potential from the Polyakov loop correlation function	KOMA, Yoshiaki

Vacuum Structure and Confinement: Parallel 6F - 415 Schapiro (11:10-12:50)

- Conveners: Dr. Follana Adin, Eduardo

time	title	presenter
11:10	Testing the Witten–Veneziano mechanism with the Yang–Mills gradient flow on the lattice	Cè, Marco
11:30	The Gluon Dyson-Schwinger equation of Lattice Landau Gauge	STERNBECK, Andre
11:50	Z(N) dependence of the pure Yang-Mills gluon propagator in the Landau gauge near T_c	SILVA, Paulo
12:10	Smearing Center Vortices	HOELLWIESER, Roman
12:30	Centre Vortex Effects on the Overlap Quark Propagator	TREWARTHA, Daniel

Thursday 26 June 2014

Vacuum Structure and Confinement: Parallel 7F - 415 Schapiro (14:15-16:15)

- Conveners: Prof. Ogilvie, Michael

time	title	presenter
14:15	The dynamical QCD string	GLOZMAN, Leonid Glozman
14:35	Study of axial magnetic effect	BRAGUTA, Victor
14:55	Surface operators study within the lattice QCD	MOLOCHKOV, Alexander
15:15	Screening without dynamical quarks	WOSIEK, Jacek
15:35	two-dimensional phase structure of SU(2) gauge-Higgs model	GONGYO, Shinya
15:55	van Baal's legacy: From renormalons to bions	UNSAL, Mithat